MATERIAL SAFETY DATA SHEET FOR TT-E-529 BRONZETONE
HALLMAN PAINTS CO. (608) 837-4538
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SECTION 1 - CHEMICAL IDENTITY OF TT-E-529 BRONZETONE
CHEMICAL NAME: MIXTURE CHEMICAL FAMILY: N/A FORMULA: N/A

SECTION 2 - HAZARDOUS INGREDIENTS
MINERAL SPIRITS
OSHA PEL: 500 PPM ACGIH TLV: UNKNOWN
OTHER LIMIT: 130 SKIN

CARBON BLACK
OSHA PEL: 3.5 mg/m³ ACGIH TLV: 3.5 mg/m³

SILICON DIOXIDE (AMORPHIC)
OSHA PEL: 20 MPPCF ACGIH TLV: SEE BELOW

BARITE
OSHA PEL: SEE BELOW ACGIH TLV: SEE BELOW

NONE OF THE INGREDIENTS IN TT-E-529 BRONZETONE
IS LISTED AS A POTENTIAL CARCINOGEN BY THE NTP, IARC, OR OSHA

THE FOLLOWING INGREDIENTS ARE SUBJECT TO SARA 313 REPORTING REQUIREMENTS:
BARITE

SANDING THE CURED PRODUCT MAY PRODUCE NUISANCE DUST. OBSERVE A TLY
OF 10 mg/m³ FOR TOTAL DUST CONTAINING NO ASBESTOS AND (1 % SILICA.
OBSERVE A TLY OF 5 mg/m³ FOR RESPIRABLE DUST.

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (FIRE & EXPLOSION DATA)

BOILING POINT GRAVITY SPECIFIC VAPOR PRESSURE PERCENT VOLATILE VAPOR DENSITY
300 1.1675 (MM Hg) BY VOLUME (AIR = 1)

EVAPORATION RATE IN WATER IN WATER

< ETHER NO NO

APPEARANCE AND ODOR: LIQUID COATING WITH MILD ODOR

FLASH POINT FLAMMABLE LIMITS IN
102 θETA AIR (% BY VOLUME)

AUTO-IGNITION TEMPERATURE

EXTINGUISHER MEDIA: DRY CHEMICAL, CARBON DIOXIDE, FOAM, ALCOHOL FOAM.
SPECIAL FIRE FIGHTING PROCEDURES:
A WATER SPRAY MAY COOL CONTAINERS. A STREAM OF WATER MAY SPREAD FLAMES.
WEAR A BREATHING APPARATUS AND GOGGLES.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
COMBUSTIBLE OR EXPLOSIVE MIXTURES MAY FORM IN AIR.
CLOSED CONTAINERS MAY BURST WHEN EXPOSED TO EXTREME HEAT.
SECTION 4 - HEALTH HAZARDS

EXPECTED ROUTES OF ENTRY: INHALATION AND SKIN CONTACT

SYMPTOMS OF ACUTE OVEREXPOSURE

ACUTE OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY IRRITATE THE FOLLOWING:
RESPIRATORY TRACT (NOSE, THROAT, LUNGS), EYES / CORNEA, SKIN
ACUTE OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY DAMAGE THE FOLLOWING:
N/A
ACUTE OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY PRODUCE THE FOLLOWING CONDITIONS:
HEADACHE
CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: DIZZINESS, CONFUSION, UNCONSCIOUSNESS, AND COMA
NAUSEA

SYMPTOMS OF CHRONIC OVEREXPOSURE

CHRONIC OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY IRRITATE THE FOLLOWING:
EYES / CORNEA, SKIN
CHRONIC OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY DAMAGE THE FOLLOWING:
BRAIN, CENTRAL NERVOUS SYSTEM
CHRONIC OVEREXPOSURE TO CERTAIN CHEMICALS IN THIS PRODUCT MAY PRODUCE THE FOLLOWING CONDITIONS:
HEADACHE, NAUSEA
CENTRAL NERVOUS SYSTEM DEPRESSION CHARACTERIZED BY THE FOLLOWING PROGRESSIVE STEPS: DIZZINESS, CONFUSION, UNCONSCIOUSNESS, AND COMA
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE
RESPIRATORY DISORDERS
SKIN DISORDERS

FOR CHEMICALS LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS, REFER TO SECTION 2. FOR EXPOSURE LIMITS, REFER TO SECTION 2.

EMERGENCY FIRST AID PROCEDURES

FIRST AID FOR INHALATION
REMOVE PERSON TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. SEE A PHYSICIAN.

FIRST AID FOR EYES
FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN IF IRRITATION PERSISTS.

FIRST AID FOR SKIN
WASH WITH SOAP AND WATER. WASH CLOTHING BEFORE REUSE. SEE A PHYSICIAN IF IRRITATION PERSISTS.

FIRST AID FOR INGESTION
IF THE PERSON IS CONSCIOUS, GIVE TWO CUPS OF WATER. DO NOT INDUCE VOMITING. SEE A PHYSICIAN.
SECTION 5 - PHYSICAL HAZARDS

STABLE? Y/N  YES

STABILITY CONDITIONS TO AVOID:
N/A

INCOMPATIBILITY MATERIALS TO AVOID:
AVOID PEROXIDES AND STRONG OXIDIZING AGENTS.
AVOID STRONG ALKALIES.
AVOID STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS:
HEAT MAY PRODUCE CARBON DIOXIDE AND CARBON MONOXIDE, OXIDES OF NITROGEN, AND OTHER PRODUCTS OF COMBUSTION.

HAZARDOUS POLYMERIZATION MAY / WILL NOT OCCUR: NO
POLYMERIZATION CONDITIONS TO AVOID:
N/A

SECTION 6 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE):
CHEMICAL VAPOR MASK

VENTILATION:
LOCAL MECHANICAL
EXHAUST (GENERAL)

NO ADEQUATE

SPECIAL VENTILATION: N/A
OTHER VENTILATION: N/A

PROTECTIVE GLOVES: IMPERVIOUS GLOVES
EYE PROTECTION: CHEMICAL SPLASH GOGGLES
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

EYE WASH

P PROTECTIVE CREAM WHERE SKIN CONTACT IS LIKELY

SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

PRECAUTIONS FOR HANDLING AND STORAGE:

AVOID PROLONGED CONTACT WITH LIQUID AND/OR VAPOR.
KEEP CONTAINER CLOSED. DO NOT STORE OR USE NEAR HEAT, SPARKS, OR FLAME. KEEP IN A COOL DRY PLACE. GROUND ALL CONTAINERS WHEN TRANSFERRING LIQUID. USE NONSPARKING TOOLS.

OTHER PRECAUTIONS:
NEVER TAKE INTERNALLY. WASH THOROUGHLY AFTER HANDLING.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
DIKE SPILL TO MINIMIZE CONTAMINATION. ABSORB WITH INERT MATERIAL. COLLECT IN CONTAINERS. KEEP SPILL OUT OF WATERWAYS.

WASTE DISPOSAL METHODS:
DISPOSE OF ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS. HMIS CODES:
HEALTH: 2 FLAMMABILITY: 2 REACTIVITY: 1

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